



It's not waste. It's energy.



Gas flares

Longevity ensured by high-quality materials



AAT flares of type FA 50 - 2000 is used for the combustion of biogas, sewage gas or landfill gas.

The flares are made completely of stainless steel which makes them robust to weather influences and heat.

The partially covered combustion protects the flames against wind and prevents failure.

In order to ensure simple handling and a high degree of safety, the AAT flare systems have been fitted with a fully automatic ignition and a flame monitoring system.

High-quality and certified components as well as a fully developed control ensure high security and little susceptibility to interference.

AAT flare systems are turn-key solutions and include mounting material. It can be mounted and commissioned by local specialists.

Advantages:

- ✓ Material: Stainless steel 1.440x (SS316)
- ✓ Gas pressure > 25 mbar
- ✓ Condensate outlet by ball valve
- ✓ Manual valve
- ✓ Motor valve
- ✓ ATEX flame arrester
- ✓ Ignition equipment with ignition transformer and ignition electrodes
- ✓ Temperature measurement by means of thermal element
- ✓ Combustion temperature: approx. 900 °C
- ✓ Rope guy
- ✓ Automatic, manual and semi-automatic control
- ✓ Sound pressure level: 65 (± 5) db(A) at 10 m

Options:

Upon request, the flares can be supplied with a frost and / or weather protection as well as in an insulated or higher temperature version (combustion >1,000°C). Flares can be supplied also with a total covered combustion.

Types	Throughput capacity m ³ /h	Thermal output kW	Total height mm	Gas connection DN
FA 50	50 – 70	325 – 455	4,000	50
FA 150	70 – 180	455 – 1,170	4,000	65
FA 250	180 – 250	1,170 – 1,625	4,800	80
FA 400	250 – 400	1,625 – 2,600	5,400	100
FA 600	400 – 600	2,600 – 3,900	6,000	150